

FIG. 1

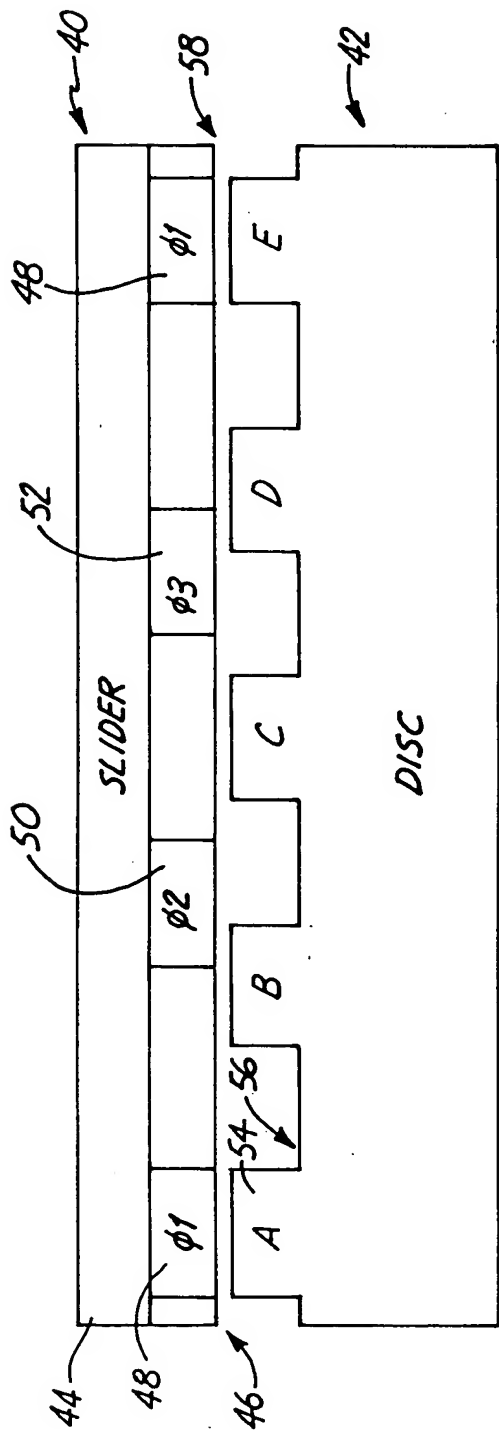


FIG. 2

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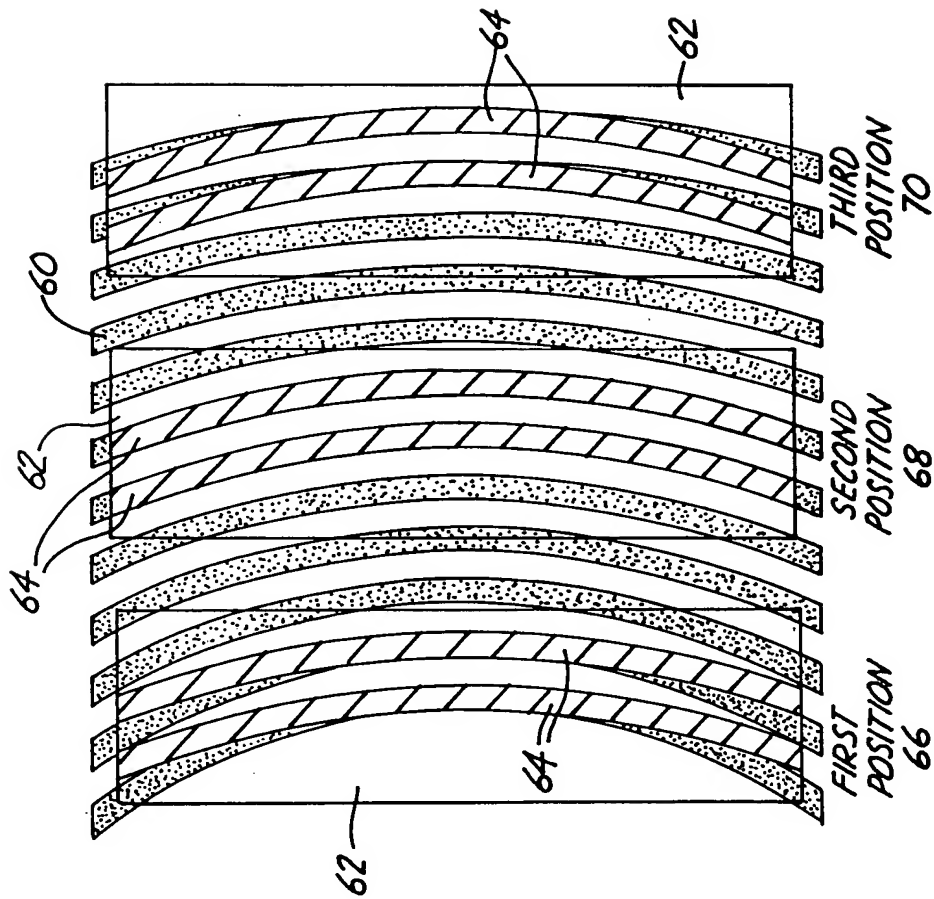


FIG. 3

$$d = R - \sqrt{R^2 - y^2}$$

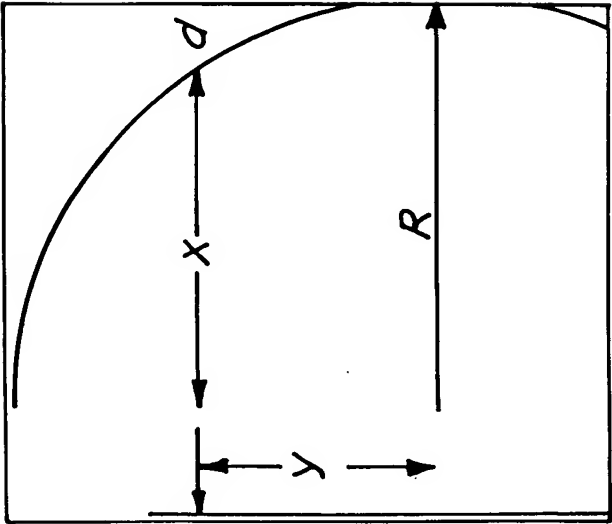


FIG.4

Curvature depth in microinches									
Change in curvature with respect to 28mm radius									
y (mm)	16	20	24	28	32	36	40	44	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.010	0.123	0.098	0.082	0.070	0.062	0.055	0.049	0.045	0.045
	0.053	0.028	0.012	0.000	-0.009	-0.016	-0.021	-0.026	-0.026
0.020	0.492	0.394	0.328	0.281	0.246	0.219	0.197	0.179	0.179
	0.211	0.112	0.047	0.000	-0.035	-0.062	-0.084	-0.102	-0.102
0.030	1.107	0.886	0.738	0.633	0.554	0.492	0.443	0.403	0.403
	0.475	0.253	0.105	0.000	-0.079	-0.141	-0.190	-0.230	-0.230
0.040	1.969	1.575	1.312	1.125	0.984	0.875	0.787	0.716	0.716
	0.844	0.450	0.187	0.000	-0.141	-0.250	-0.337	-0.409	-0.409
0.050	3.076	2.461	2.051	1.758	1.538	1.367	1.230	1.118	1.118
	1.318	0.703	0.293	0.000	-0.220	-0.391	-0.527	-0.639	-0.639
0.060	4.429	3.543	2.953	2.531	2.215	1.969	1.772	1.611	1.611
	1.898	1.012	0.422	0.000	-0.316	-0.562	-0.759	-0.920	-0.920
0.070	6.029	4.823	4.019	3.445	3.014	2.679	2.411	2.192	2.192
	2.584	1.378	0.574	0.000	-0.431	-0.766	-1.033	-1.253	-1.253
0.080	7.874	6.299	5.249	4.499	3.937	3.500	3.150	2.863	2.863
	3.375	1.800	0.750	0.000	-0.562	-1.000	-1.350	-1.636	-1.636
0.090	9.966	7.972	6.644	5.695	4.983	4.429	3.986	3.624	3.624
	4.271	2.278	0.949	0.000	-0.712	-1.265	-1.702	-2.071	-2.071
0.100	12.303	9.843	8.202	7.030	6.152	5.468	4.921	4.474	4.474
	5.273	2.812	1.172	0.000	-0.879	-1.562	-2.109	-2.557	-2.557

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FIG. 5

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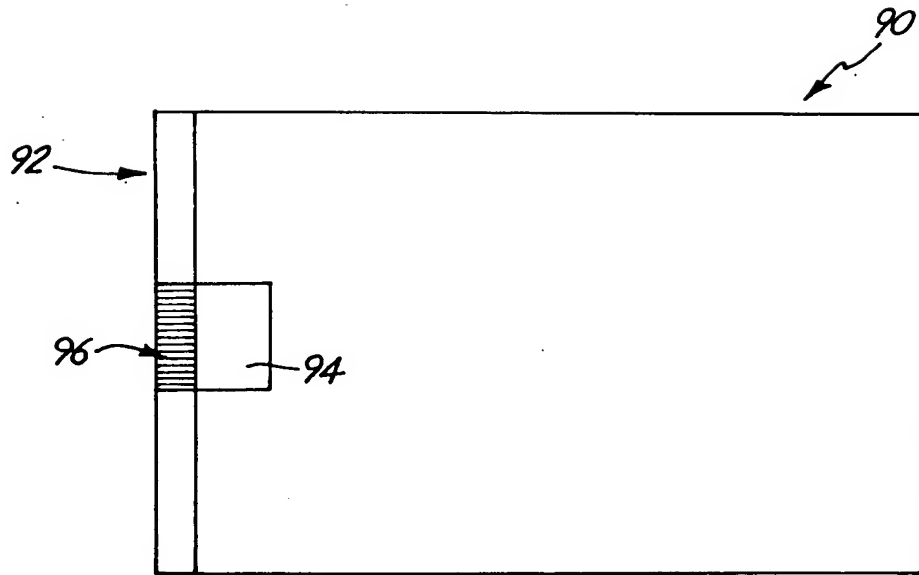


FIG. 6